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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|                         | Complete if Known |
|-------------------------|-------------------|
| Application Number      | 10/525402         |
| Filing Date:            |                   |
| Applicant(s)            | Shuster, et al.   |
| ArtiUnit N. 41          | 3672              |
| Examiner Name ( * 1.24) | Unknown           |
| Attorney Docket Number  | 25791.120.05      |

| Examiner's       | Cite No. | Foreign Patent Document<br>(county Code - Number - Kind) | Publication Date | Patentee or Applicant of Cited Document | Translation 1 |
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| Examiner   | /William Neuder/ | Date Considered | 07/19/2007 |
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| Application Number     | 10/525402         |
| Filing Date            | 2/23/05           |
| Applicant(s)           | Shuster, et al.   |
| Art Unit               | 3672              |
| Examiner Name          | Unknown           |
| Attorney Docket Number | 25791.120.05      |

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Application:Number: 10/525402
Filling Date 2/23/05
Applicant(s) Shuster, et al.
Art(Unit: 3672
Examiner:Name Unknown
Attomey:Docket:Number: 25791.120.05

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| Examiners | Cité No  | Include name of the (author (In CAPITAL LETTERS), title of the article title of the illem date; page(s) volume a lissue number (s), publisher, city/county, where published |  |
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| Application Number      | 10/525402         |
| Filing Date             | 2/23/05           |
| Applicant(s)            | Shuster, et al.   |
| Art Unit                | 1                 |
| Examiner Name (1)       | Unknown           |
| Attorney,Docket!Number. | 25791.120.05      |

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Application Number 10/525402 Applicant(s) Examiner Name 14.35 Attomey Docket Number 25791.120.05

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| Signature | /William Neuder/ |                 | 07/19/2007 |
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| Examiners | Cité No | ninclude name of the author (in CARITAL (LETTERS)) title of the article; title of the litem; date; page(s); volume; |
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| Signature | /William Neuder/ | 07/19/200       |  |

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### **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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| Filing Date            | 2/23/05           |  |
| Applicant(s)           | Shuster, et al.   |  |
| Art Unit               | 3672              |  |
| Examiner Name          | Unknown           |  |
| Attorney/Docket/Number |                   |  |

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| Examiners   | Cite No | is Include frame of the author (in CARIMAL (LETTIERS)); (title of the article); (title of the literal date, page (s), volume to the country where you blished.  |
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Application Number: 10/525402

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ArtiUnit 3672

Examiner Name Unknown

Attorney Docket Number: 25791.120.05

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In place of U. S. DEPARTMENT PTO-1449 Form PATENT AND TRADEMARK OFFICE Complete if Known Application Number 10/525402 INFORMATION DISCLOSURE Applicant(s) Shuster, et al. STATEMENT BY APPLICANT (use as many sheets as necessary)

Examiner Name : Unknown

Attorney Docket Number 25791.120.05

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| Examiner  | ' AAPIP - AL L   | Date Considered | 07/19/2007 |
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| Signature | /William Neuder/ |                 |            |
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| Application Number      | 10/525402         |  |  |  |  |  |
| Filing Dates (1977)     | 2/23/05           |  |  |  |  |  |
| Appliem((s))            | Shuster, et al.   |  |  |  |  |  |
| Ardunit                 | 3672              |  |  |  |  |  |
| Examiner Name           | Unknown           |  |  |  |  |  |
| Attorney/Docket/Numbers | 25791.120.05      |  |  |  |  |  |

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Complete if Known
Application Number/ 10/525402
Filing Date 2/23/05
Applicant(s) Shuster, et al.
Art Units 3672
Examiner Name Unknown
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Attorney/Docker/Number 25791.120.05

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| Examiner  | AACIII aan Alausdaal | Date Considered | 07/19/2007   |
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| Signature | /William Neuder/     |                 | 317 (31.233) |
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Complete if Known Application Number 10/525402 Filing Date 2/23/05 Applicant(s) Shuster, et al. 3672 Art Unit Unknown Examiner Name Attorney Docket Number 25791.120.05

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U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE U. S. DEPARTMENT OF COMMERCE

### INFORMATION DISCLOSURE

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Application Number 10/525402

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| Examiner<br>Signature          |         | /William Neuder/ Date Considered 07/19/2007                  |                  |                              |                 |  |  |

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| INFO          | RMATION D         | DISCLO     | SURE       | Filing Date: 2/23/05                |
| STAT          | <b>EMENT BY</b>   | 'APPL      | ICANT      | Applicant(s) Shuster, et al.        |
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|               |                   |            |            | Examiner Name Unknown               |
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| Signature | /William Neuder/ |                 | 07/19/2007 |
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| Signature | /William Neuder/ |                 | 07/19/2007 |
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12-22-05

Attorney/Docket No. 25791.120.05 Customer No. 000027683

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: Shuster, et al.

Serial No. 10/525402

Filed: February 23, 2005

Group Art Unit: 3672

Examiner: Unknown

For: INTERPOSED JOINT SEALING LAYER METHOD OF FORMING A WELLBORE

CASING

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and are not in any order based on their pertinence.

Pursuant to the amendment to 37 CFR 1.98 (a)(2)(i), as stated in an OG Notice dated October 12, 2004, copies of the U.S. patent documents listed on the enclosed modified Form PTO-1449 are not attached.

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)). The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account 08-1394.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

spectfully submitted,

Registration No. 40298

Date: December 21, 2005 HAYNES AND BOONE, LLP 901 Main Street, Suite 3100 Dallas, Texas 75202-3789 Telephone: 713-547-2301 Facsimile: 214-200-0853

25791.120.05 Box /

**Certificate of Mailing** 

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 21, 2005.

Stacy Lanier

Printed Name

Signature

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known
Application Number 10/525402
Filing Date 1/99/64 Filing Date 1 2/23/2005 Applicant(s) Shuster, et al. An Unity 3672 Examiner Name Unknown Attorney Docket Number 25791.120.05

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| Examiner  |                  | Date Considered |            |
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| Signature | /William Neuder/ |                 | 07/19/2007 |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Customer No. 000027683

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| Application Number 3                               | 10/525402         |  |  |  |  |
| Filing Date 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 2/23/2005         |  |  |  |  |
| Applicant(s) 计算计算                                  | Shuster, et al.   |  |  |  |  |
| Art Unit:  |                   |  |  |  |  |
| Examiner Name 1                                    | Unknown           |  |  |  |  |
| Attomey Docket Number                              | 25791.120.05      |  |  |  |  |

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| Application Number       | 10/525402    |  |  |
| Filing Date              |              |  |  |
| Applicant(s)             |              |  |  |
|                          | 3672         |  |  |
| Examiner Name # 19 14 11 | Unknown      |  |  |
| Attorney Docket Number & | 25791.120.05 |  |  |

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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OF

Complete if Known
Application: Number 10/525402
Filing Date: 2/23/2005
Applicant(s)): Shuster, et al.
Art Unit 3672
Examiner: Name 2 Unknown
Attorney/Docket Number: 25791.120.05

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| Examiner      |                  | Date Considered | 07/40/0007 |
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|               | /William Neuder/ | Pare Considered | 07/19/2007 |
| Signature     | /William Neuder/ | I.              |            |
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known
Application Number 10/525402
Filing Date 2/23/2005
Applicant(s) 55 Shuster, et al.
Art Unit 3672
Examiner Name 1817
Unknown
Attorney Docket Number 25791.120.05

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STATEMENT BY APPLICANT

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| Examiner  | AAME AL L        | Date Considered | 07/10/0007 |
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| Signature | /William Neuder/ |                 | 07/19/2007 |
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| Application Number       | 10/525402       |  |  |  |
|                          | 2/23/2005       |  |  |  |
| Applicant(s)             | Shuster, et al. |  |  |  |
|                          | 3672            |  |  |  |
| Examiner Name            |                 |  |  |  |
| Attorney Docket Number 4 | 25791.120.05    |  |  |  |

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Complete if Known
Application Numbers 2/23/2005
Filing Date 2/23/2005
Applicant(s) Shuster, et al.
Art United Shusters 2/23/2005
Examiner Name Unknown
Attorney Docket Number 2/25791.120.05

|            | OTHER PRIOR ART – PCT INTERNATIONAL PRELIMINARY REPORTS ON PATENTABILITY |   |  |  |  |  |  |
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| /WN/                                  |  | Written Opinion to Application No. PCT/US03/25675, May 9, 2005 (Atty Docket No. 25791.121.02) |  |  |  |  |

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| /WN/   |         | Search Report to Application No. GB 0415835.8, December 2, 2004 (Atty Docket No. 25791, 292.03)  |  |  |  |
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| /WN/       | E1  | Examination Report to Application No. GB 0400018.8, May 17, 2005 (Atty Docket No. 25791.61.04)         |  |  |  |  |
|            |   | Examination Report to Application No. GB 0400019.6, May 19, 2005 (Atty Docket No. 25791.44.04)         |  |  |  |  |
|            | E3  | Examination Report to Application No. GB 0403891.5, June 30 2005 (Atty. Docket No. 25791.70.09)        |  |  |  |  |
|            |   | Examination Report to Application No. GB 0404796.5, April 14, 2005 (Atty Docket No. 25791.59.04)       |  |  |  |  |
|            |   | Examination Report to Application No. GB 0406257.6, June 16, 2005 (Atty. Docket No. 25791.67.05)       |  |  |  |  |
|            | E6  | Examination Report to Application No. GB 0406257.6, September 2,2005 (Atty. Docket No. 25791.67.05)    |  |  |  |  |
|            |   | Examination Report to Application No. GB 0406258.4, July 27, 2005 (Atty. Docket No. 25791.58.04)       |  |  |  |  |
|            | E8  | Examination Report to Application No. GB 0408672.4, March 21, 2005 (Atty Docket No. 25791.60.04)       |  |  |  |  |
|            |   | Examination Report to Application No. GB 0412533.2, May 20, 2005 (Atty Docket No. 25791.87.04)         |  |  |  |  |
|            | E10   | Examination Report to Application No. GB 0428141.6, September 15, 2005 (Atty. Docket No. 25791.89.04)  |  |  |  |  |
|            | E11   | Examination Report to Application No. GB 0500184.7, September 12, 2005 (Atty. Docket No. 25791.107.04) |  |  |  |  |
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|            | E14   | Examination Report to Application No. GB 0503470.7, September 22, 2005 (Atty. Docket No. 25791.60.06)  |  |  |  |  |
|            | E15   | Examination Report to Application No. GB 0506699.8, September 21, 2005 (Atty. Docket No. 25791.87.07)  |  |  |  |  |
| /WN/       | E16   | Examination Report to Application No. GB 0507979.3, June 16, 2005                                      |  |  |  |  |

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| /WN/                    | D1       | Search and Examination Report to Application No. GB 0425948.7, April 14, 2005 (Atty Docket No. 25791.59.06)   |
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|                         | D7       | Search and Examination Report to Application No. GB 0509618.5, September 27, 2005 (Atty. Docket No. 25791.88.12)  |
|                         | D8       | Search and Examination Report to Application No. GB 0509620.1, September 27, 2005 (Atty. Docket No. 25791.88.11)  |
|                         | D9       | Search and Examination Report to Application No. GB 0509626.8, September 27, 2005 (Atty. Docket No. 25791.88.06   |
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|                         | D13      | Search and Examination Report to Application No. GB 0509631.8, September 27, 2005 (Atty. Docket No. 25791.88.10)  |
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| /WN/   | C2   | Examination Report to Application No. AU 2001278196 ,April 21, 2005 (Atty Docket No. 25791.45.03  |  |  |  |  |  |
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| /WN/        | A1                     | 46,818             | 03-14-1865       | Patterson  |  |  |  |  |
|             | A2                     | 331,940            | 12-08-1885       | Bole   |  |  |  |  |
|             | A3                     | 332,184            | 12-08-1885       | Bole   |  |  |  |  |
|             | A4                     | 341,237            | 05-04-1886       | Healey   |  |  |  |  |
|             | A5                     | 519,805            | 05-15-1894       | Bavier   |  |  |  |  |
|             | A6                     | 802,880            | 10-24-1905       | Phillips, Jr.                                    |  |  |  |  |
|             | A7                     | 806,156            | 12-05-1905       | Marshall   |  |  |  |  |
|             | A8                     | 958,517            | 05-17-1910       | Mettler  |  |  |  |  |
|             | A9                     | 984,449            | 02-14-1911       | Stewart  |  |  |  |  |
|             | A10                    | 1,166,040          | 12-28-1915       | Burlingham                                       |  |  |  |  |
|             | A11                    | 1,233,888          | 07-17-1917       | Leonard  |  |  |  |  |
|             | A12                    | 1,494,128          | 05-13-1924       | Primrose   |  |  |  |  |
|             | A13                    | 1,589,781          | 06-22-1926       | Anderson   |  |  |  |  |
|             | A14                    | 1,590,357          | 06-29-1926       | Feisthamel                                       |  |  |  |  |
| _           | A15                    | 1,597,212          | 10-13-1924       | A .F. Spengler                                   |  |  |  |  |
|             | A16                    | 1,613,461          | 01-04-1927       | Johnson  |  |  |  |  |
|             | A17                    | 1,756,531          | 04-29-1930       | Aldeen et al.                                    |  |  |  |  |
| ┪           | A18                    | 1,880,218          | 10-04-1932       | Simmons  |  |  |  |  |
| _           | A19                    | 1,981,525          | 11-20-1934       | Price  |  |  |  |  |
|             | A20                    | 2,046,870          | 07-07-1936       | Clasen, et al.                                   |  |  |  |  |
|             | A21                    | 2,040,070          | 07-13-1937       | Dillom   |  |  |  |  |
| _           | A22                    | 2,122,757          | 07-05-1938       | Scott  |  |  |  |  |
|             | A23                    | 2,145,168          | 01-24-1939       | Flagg  |  |  |  |  |
|             | A24                    | 2,160,263          | 05-30-1939       | Fletcher   |  |  |  |  |
| +           | A25                    | 2,187,275          | 01-16-1940       | McLennan   |  |  |  |  |
| <del></del> | A26                    | 2,204,586          | 06-18-1940       | Grau   |  |  |  |  |
|             | A27                    | 2,214,226          | 09-10-1940       | English  |  |  |  |  |
|             | A28                    | 2,226,804          | 12-31-1940       | Carroli  |  |  |  |  |
| <del></del> | A29                    | 2,273,017          | 02-17-1942       | Boynton  |  |  |  |  |
|             | A30                    | 2,301,495          | 11-10-1942       | Abegg  |  |  |  |  |
|             | A31                    | 2,371,840          | 03-20-1945       | Otis   |  |  |  |  |
|             | A32                    | 2,447,629          | 08-24-1948       | Beissinger, et al.                               |  |  |  |  |
| +           | A33                    | 2,500,276          | 03-14-1950       | Church   |  |  |  |  |
|             | A34                    | 2,546,295          | 03-27-1951       | Boice  |  |  |  |  |
|             | A35                    | 2,583,316          | 01-22-1952       | Bannister  |  |  |  |  |
|             | A36                    | 2,627,891          | 02-10-1953       | Clark  |  |  |  |  |
|             | A37                    | 2,647,847          | 08-04-1953       | Black, et al                                     |  |  |  |  |
|             | A38                    | 2,734,580          |                  | Layne  |  |  |  |  |
| -           | A39                    | 2,796,134          |                  | Binkley  |  |  |  |  |
|             | A40                    | 2,812,025          | 11-05-1957       | Teague, et al.                                   |  |  |  |  |
|             | A41                    | 2,907,589          | 10-06-1959       | Knox   |  |  |  |  |
|             | A42                    | 2,929,741          |                  | Strock et al.                                    |  |  |  |  |
|             | A43                    | 3,015,362          | 01-02-1962       | Moosman  |  |  |  |  |
|             | A44                    | 3,015,500          | 01-02-1962       | Barnett  |  |  |  |  |
|             | A45                    | 3,018,547          | 01-30-1962       | Marskell   |  |  |  |  |
| /WN/        | A46                    | 3,039,530          |                  | E. L. Condra                                     |  |  |  |  |

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| WN/           | A47  | 3,067,819 | 12-11-1962  | Gore                 |
|               | A48  | 3,068,563 | 12-18-1962  | Reverman             |
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|               | A52  | 3,175,618 | 03-30-1965  | Lang, et al.         |
|               | A53  | 3,179,168 | 04-20-1965  | Vincent              |
|               | A54  | 3,188,816 | 06-15-1965  | Koch                 |
|               | A55  | 3,191,677 | 06-29-1965  | Kinley               |
|               | A56  | 3,191,680 | 06-29-1965  | Vincent              |
| 1             | A57  | 3,203,451 | 08-31-1965  | Vincent              |
|               | A58  | 3,203,483 | 08-31-1965  | Vincent              |
|               | A59  | 3,209,546 | 10-05-1965  | Lawton               |
|               | A60  | 3,210,102 | 10-05-1965  | Joslin               |
| _             | A61  |           | 02-08-1966  | Levake               |
|               | A62  | 3,233,315 | 04-12-1966  | Howard               |
|               |      | 3,245,471 |             |                      |
|               | A63  | 3,270,817 | 09-06-1966  | Papaila              |
|               | A64  | 3,297,092 | 01-10-1967  | Jennings             |
|               | A65  | 3,326,293 | 06-20-1967  | Skipper              |
| _             | A66  | 3,343,252 | 09-26-1967  | Reesor               |
|               | A67  | 3,353,599 | 11-21-1967  | Swift                |
|               | A68  | 3,354,955 | 11-28-1967  | Berry                |
|               | A69  | 3,358,760 | 12-19-1967  | Blagg                |
|               | A70  | 3,358,769 | 12-19-1967  | Berry                |
|               | A71  | 3,364,993 | 01-23-1968  | Skipper              |
|               | A72  | 3,371,717 | 3-5-1968    | Chenoweth            |
|               | A73  | 3,412,565 | 11-26-1968  | Lindsey, et al.      |
|               | A74  | 3,419,080 | 12-31-1968  | Lebourg              |
| <u> </u>      | A75  | 3,424,244 | 01-28-1969  | Kinley               |
| <del>- </del> | A76  | 3,427,707 | 02-18-1969  | Nowosadko            |
|               | A77  | 3,477,506 | 11-11-1969  | Malone               |
|               | A78  | 3,489,220 | 01-13-1970  | Kinley               |
|               | A79  | 3,498,376 | 03-03-1970  | Sizer, et al.        |
| -             | A80  | 3,504,515 | 04-07-1970  | Reardon.             |
|               | A81  | 3,520,049 | 07-14-1970  | Lysenko et al        |
|               | A82  |           | 09-15-1970  | Carothers            |
| _             | A83  | 3,528,498 | 03-09-1971  | Chancellor           |
|               |      | 3,568,773 |             |                      |
|               | A84  | 3,578,081 | 05-11-1971  | Bodine               |
|               | A85  | 3,579,805 | 05-25-1971  | Kast                 |
|               | A86  | 3,605,887 | 09-20-1971  | Lambie               |
|               | A87  | 3,631,926 | 01-04-1972  | Young                |
|               | A88  | 3,665,591 | 05-30-1972  | Kowal                |
|               | A89  | 3,667,547 | 06-06-1972  | Ahlstone             |
|               | A90  | 3,669,190 | 06-13-1972  | Sizer, et al.        |
|               | A91  | 3,682,256 | 08-08-1972  | Stuart               |
|               | A92  | 3,687,196 | 08-29-1972  | Mullins              |
|               | A93  | 3,691,624 | 09-19-1972  | Kinley               |
|               | A94  | 3,693,717 | 09-26-1972  | Wuenschel            |
| T             | A95  | 3,704,730 | 12-05-1972  | Witzig               |
| 7             | A96  | 3,709,306 | 01-09-1973  | Curington            |
| <u> </u>      | A97  | 3,711,123 | 01-16-1973  | Arnold               |
| $\neg$        | A98  | 3,712,376 | 01-23-1973  | Owen, et al.         |
| $\top$        | A99  | 3,746,068 | 07-17-1973  | Deckert, et al.      |
|               | A100 | 3,746,091 | 07-17-1973  | Owen, et al.         |
| $\dashv$      | A101 | 3,746,092 | 07-17-1973  | Land                 |
| $\dashv$      | A102 | 3,764,168 | 10-09-1973  | Kisling, III, et al. |
|               | A103 | 3,776,307 | 12-04-1973  | Young                |
|               | A104 | 3,779,025 | 12-18-1973  | Godley, et al.       |
| +-            | A105 | 3,779,025 | 12-75-1973  | Kinley               |
| +             | A106 | 3,780,562 | 01-01-1974  | Lieberman            |
|               | A107 |           | 01-01-1974  | Kinely, et al.       |
| -             | וטות | 3,785,193 | U 1-13-19/4 | pariety, Ct Qt.      |

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|  | A110  | 3,818,734   | 06-25-1974   | Bateman             |
|  | A111  | 3,834,742   | 09-10-1974   | McPhillips          |
|  | A112  | 3,866,954   | 02-18-1975   | Slator et al.       |
|  | A113  | 3,885,298   | 05-27-1975   | Pogonowski          |
|  | A114  | 3,887,006   | 06-03-1975   | Pitts               |
|  | A115  | 3,893,718   | 07-08-1975   | Powell              |
|  | A116  | 3,898,163   | 08-05-1975   | Mott                |
|  | A117  | 3,915,478   | 10-28-1975   | Al, et al.          |
|  | A118  | 3,935,910   | 02-02-1976   | Gaudy, et al.       |
|  | A119  | 3,942,824   | 03-09-1976   | Sable               |
|  | A120  | 3,945,444   | 03-23-1976   | Knudson             |
|  | A121  | 3,948,321   | 04-06-1976   | Owen, et al.        |
|  | A122  | 3,970,336   | 07-20-1976   | O'Sickey et al.     |
|  | A123  | 3,977,473   | 08-31-1976   | Page, Jr.           |
|  | A124  | 3,989,280   | 11-02-1976   | Schwarz             |
|  | A125  | 3,997,193   | 12-14-1976   | Tsuda, et al.       |
|  | A126  | 4,011,652   | 03-15-1977   | Black               |
|  | A127  | 4,019,579   | 04-26-1977   | Thuse               |
| 1  | A128  | 4,026,583   | 05-31-1977   | Gottlieb            |
| <del></del>                                      | A129  | 4,053,247   | 10-11-1977   | Marsh, Jr.          |
| $\dashv$   | A130  | 4,069,573   | 01-24-1978   | Rogers, Jr., et al. |
|  | A131  | 4,076,287   | 02-28-1978   | Bill, et al.        |
| +  | A132  | 4,076,287   | 06-27-1978   |                     |
|  | A133  |             | 07-04-1978   | Kenneday, et al.    |
|  | A134  | 4,098,334   | 11-21-1978   | Crowe               |
|  | A135  | 4,125,937   |              | Brown, et al.       |
| +-   | A136  | 4,152,821   | 05-08-1979   | Scott               |
| 1-   |       | 4,168,747   | 09-25-1979   | Youmans             |
| -  | A137  | 4,190,108   | 02-26-1980   | Webber              |
|  | A138  | 4,204,312   | 05-27-1980   | Tooker              |
| _  | A139  | 4,205,422   | 06-03-1980   | Hardwick            |
|  | A140  | 4,253,687   | 03-03-1981   | Maples              |
|  | A141  | 4,274,665   | 06-23-1981   | Marsh, Jr.          |
| _  | A142  | 4,304,428   | 12-08-1981   | Grigorian, et al.   |
|  | A143  | 4,328,983   | 05-11-1982   | Gibson              |
|  | A144  | 4,359,889   | 11-23-1982   | Kelly               |
|  | A145  | 4,363,358   | 12-14-1982   | Ellis               |
|  | A146  | 4,366,971   | 01-04-1983   | Lula                |
|  | A147  | 4,368,571   | 01-18-1983   | Cooper, Jr.         |
|  | A148  | 4,379,471   | 04-12-1983   | Kuenzel             |
|  | A149  | 4,380,347   | 04-19-1983   | Sable               |
|  | A150  | 4,384,625   | 05-24-1983   | Roper et al.        |
|  | A151  | 4,388,752   | 06-21-1983   | Vinciguerra et al.  |
|  | A152  | 4,391,325   | 07-05-1983   | Baker, et al.       |
|  | A153  | 4,393,931   | 07-19-1983   | Muse, et al.        |
| 1  | A154  | 4,396,061   | 08-02-1983   | Tamplen et al.      |
| 1  | A155  | 4,401,325   | 08-30-1983   | Tsuchiya et al.     |
| 1  | A156  | 4,402,372   | 09-06-1983   | Cherrington         |
| 1  | A157  | 4,407,681   | 10-04-1983   | Ina, et al.         |
| <u> </u>   | A158  | 4,411,435   | 10-25-1983   | McStravick          |
|  | A159  | 4,413,395   | 11-08-1983   | Gamier              |
|  | A160  | 4,413,682   | 11-08-1983   | Callihan, et al.    |
| 1  | A161  | 4,420,866   | 12-20-1983   | Mueller             |
| +  | A162  | 4,421,169   | 12-20-1983   | Dearth, et al.      |
| 1  | A163  | 4,422,317   | 12-27-1983   | Mueller             |
| <del>                                     </del> | A164  | 4,422,507   | 12-27-1983   | Reimert             |
| 1  | A165  | 4,423,889   | 01-03-1984   | Weise               |
| +  | A166  | 4,423,986   | 01-03-1984   | Skogberg            |
| +  | A167  | 4,429,741   | 02-07-1984   | Hyland              |
| 1  | A168  | 4,440,233   | 04-03-1984   | Baugh, et al.       |
| <del></del>                                      | A169  | 4,444,250   | 04-24-1984   | Keithahn, et al.    |
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|               | A172         | 4,467,630 | 08-28-1984               | Kelly                |
|               | A173         | 4,468,309 | 08-28-1984               | White                |
|               | A174         | 4,469,356 | 09-04-1984               | Duret et al.         |
|               | A175         | 4,473,245 | 09-25-1984               | Raulins et al.       |
|               | A176         | 4,483,399 | 11-20-1984               | Colgate              |
|               | A177         | 4,485,847 | 12-04-1984               | Wentzell             |
|               | A178         | 4,491,001 | 01-01-1985               | Yoshida              |
|               | A179         | 4,501,327 | 02-26-1985               | Retz                 |
|               | A180         | 4,505,017 | 03-19-1985               | Schukei              |
|               | A181         | 4,505,987 | 03-19-1985               | Yamada et al.        |
|               | A182         | 4,507,019 | 03-26-1985               | Thompson             |
|               | A183         | 4,508,129 | 04-02-1985               | Brown                |
|               | A184         | 4,511,289 | 04-16-1985               | Herron               |
|               | A185         | 4,519,456 | 05-28-1985               | Cochran              |
|               | A186         | 4,526,232 | 07-02-1985               | Hughson, et al.      |
| <del></del>   | A187         | 4,526,839 | 07-02-1985               | Herman et al.        |
| <del></del>   | A188         | 4,541,655 | 09-17-1985               | Hunter               |
| <del></del> - | A189         | 4,550,782 | 11-05-1985               | Lawson               |
| +             | A190         |           | 11-19-1985               | Dodd                 |
|               | A191         | 4,553,776 | 03-04-1986               | Hackett              |
|               | A192         | 4,573,248 |                          |                      |
| -             | A193         | 4,576,386 | 03-18-1986<br>04-15-1986 | Benson, et al.       |
|               |              | 4,581,817 |                          | Kelly                |
|               | A194         | 4,590,227 | 05-20-1986               | Nakamura et al.      |
|               | A195         | 4,590,995 | 05-27-1986               | Evans                |
|               | A196         | 4,592,577 | 06-03-1986               | Ayres, et al.        |
|               | A197         | 4,595,063 | 06-17-1986               | Jennings et al       |
|               | A198         | 4,601,343 | 07-22-1986               | Lindsey, Jr. et al.  |
|               | A199         | 4,605,063 | 08-12-1986               | Ross                 |
|               | A200         | 4,611,662 | 09-16-1986               | Harrington           |
|               | A201         | 4,614,233 | 09-30-1986               | Menard               |
|               | A202         | 4,629,218 | 12-16-1986               | Dubois               |
|               | A203         | 4,630,849 | 12-23-1986               | Fukui, et al.        |
|               | A204         | 4,632,944 | 12-30-1986               | Thompson             |
|               | A205         | 4,634,317 | 01-06-1987               | Skogberg, et al.     |
|               | A206         | 4,635,333 | 01-13-1987               | Finch                |
|               | A207         | 4,637,436 | 01-20-1987               | Stewart, Jr., et al. |
| 1             | A208         | 4,646,787 | 03-03-1987               | Rush, et al.         |
|               | A209         | 4,649,492 | 03-10-1987               | Sinha et al.         |
| 1             | A210         | 4,651,836 | 03-24-1987               | Richards             |
|               | A211         | 4,656,779 | 04-14-1987               | Fedeli               |
| +             | A212         | 4,660,863 | 04-28-1987               | Bailey, et al.       |
| +             | A213         | 4,662,446 | 05-05-1987               | Brisco, et al.       |
| +             | A214         | 4,669,541 | 06-02-1987               | Bissonnette          |
| +-            | A215         | 4,674,572 | 06-23-1987               | Gallus               |
| +             | A216         |           | 07-28-1987               | Hildner              |
| →             | A217         | 4,682,797 | 08-11-1987               | Mueller, et al.      |
| +             | A218         | 4,685,191 | 08-11-1987               |                      |
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| +             | A219<br>A220 | 4,693,498 | 09-15-1987               | Baugh et al.         |
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| -             | A221         | 4,714,117 | 12-22-1987               | Dech                 |
| <b></b>       | A222         | 4,730,851 | 03-15-1988               | Watts                |
| _             | A223         | 4,735,444 | 04-05-1988               | Skipper              |
|               | A224         | 4,739,654 | 04-26-1988               | Pilkington et al.    |
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|               | A226         | 4,758,025 | 07-19-1988               | Frick                |
|               | A227         | 4,776,394 | 10-11-1988               | Lynde, et al.        |
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|               | A229         | 4,793,382 | 12-27-1988               | Szalvay              |
|               | A230         | 4,796,668 | 01-10-1989               | Depret               |
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| /WN/          | A232         | 4,817,712 | 04-04-1989               | Bodine               |

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|             | A235         | 4,827,594 | 05-09-1989 | Cartry, et al.        |
| <b>-</b>    | A236         | 4,828,033 | 05-09-1989 | Frison                |
|             | A237         | 4,830,109 | 06-16-1989 | Wedel                 |
|             | A238         | 4,832,382 | 05-23-1989 | Kapgan                |
|             | A239         | 4,836,579 | 06-06-1989 | Wester et al.         |
|             | A240         | 4,842,082 | 06-27-1989 | Springer              |
|             | A241         | 4,848,459 | 07-18-1989 | Blackwell et al.      |
|             | A242         | 4,854,338 | 08-08-1989 | Grantham              |
|             | A243         | 4,856,592 | 08-15-1989 | Van Bilderbeek et al. |
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| +           | A249         | 4,893,658 | 01-16-1990 | Kimura, et al.        |
| -           | A250         |           | 02-27-1990 | Matsumoto             |
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|             | A252<br>A253 | 4,911,237 | 03-27-1990 | Melenyzer<br>Koster   |
|             | A254         | 4,913,758 |            |                       |
| +           | A254<br>A255 | 4,915,177 | 04-10-1990 | Claycomb              |
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| 4—          | A256         | 4,917,409 | 04-17-1990 | Reeves                |
|             | A257         | 4,919,989 | 04-24-1990 | Colangelo             |
|             | A258         | 4,934,312 | 06-19-1990 | Koster, et al.        |
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|             | A260         | 4,941,512 | 07-17-1990 | McParland             |
|             | A261         | 4,941,532 | 07-17-1990 | Hurt, et al.          |
|             | A262         | 4,942,925 | 07-24-1990 | Themig                |
|             | A263         | 4,942,926 | 07-24-1990 | Lessi                 |
|             | A264         | 4,958,691 | 10-25-1990 | Hipp                  |
|             | A265         | 4,968,184 | 11-06-1990 | Reid                  |
|             | A266         | 4,971,152 | 11-20-1990 | Koster, et al.        |
|             | A267         | 4,976,322 | 12-11-1990 | Abdrakhmanov, et al.  |
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| _           | A269         | 4,995,464 | 02-26-1991 | Watkins et al.        |
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| +           | A273         | 5,031,370 | 07-16-1991 | Jewett                |
| 1           | A274         | 5,031,699 | 07-16-1991 | Artynov, et al.       |
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| -           | A276         | 5,044,676 | 09-03-1991 | Burton, et al.        |
| <del></del> | A277         | 5,052,483 | 10-01-1991 | Hudson                |
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| +           | A280         | 5,064,004 | 01-14-1992 | Vanselow              |
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| -           | A296         | 5,197,553         | 03-30-1993               | Letumo               |
| 4_          | A297         | 5,209,600         | 05-11-1993               | Koster               |
|             | A298         | 5,226,492         | 07-13-1993               | Solaeche P. et al.   |
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|             | A302         | 5,282,508         | 02-01-1994               | Ellingsen et al.     |
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|             | A308         | 5,318,131         | 06-07-1994               | Baker                |
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|             | A315         | 5,332,049         | 08-02-1994               | Baugh, et al.        |
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|             |              | 5,337,823         | 08-16-1994               |                      |
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| -           | A321         | 5,343,949         | 09-06-1994               | Ross, et al.         |
|             | A322         | 5,346,007         | 09-13-1994               | Dillon, et al.       |
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|               |                  | ·          |            | Examiner Names: Unknown              | 1             |
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| INFO                   | RMATION       | DISCLO        | SURE       | Filing Date 2007 2/23/2005                |
| STATEMENT BY APPLICANT |               |               |            | Applicant(s) Applicant(s) Shuster, et al. |
| (us                    | e as many she | ets as neces: | sary)      | Artiunity Charles Unknown                 |
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| Examiner<br>Signature | /William Neuder/ | Date Considered | 07/19/2007 |
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|                           |                  |             |            | Examiner Name: Unknown              |
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| Examiner  | MACIE AL 1         | Date Considered | 07/19/2007 |
| Signature | · /William Neuder/ | 1               | 0771972007 |
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| <u>I</u> | (use       | as many shee | ts as neces   | sary)      | Unknown                             |
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|              | _                |
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|              | Sheet 2 of 3 Yes |
|              | Yes              |
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